



Low BP Coal Tar Distillate

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*****
> FIRE AND EXPLOSION HAZARDS <=====
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* PHYSICAL HAZARD WARNING: Combustible Liquid SENSITIVITY TO > STATIC DISCHARGE: No ; MECHANICAL IMPACT: No
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* FLAMMABLE: No IF YES, UNDER WHICH CONDITIONS:
S *
E * FLASHPOINT (METHOD): est. >165 F PMCC FLAMMABLE LIMITS (% BY VOL.): UEL: Not available LEL: Not available
C *
T * AUTO IGNITION TEMPERATURE: Not available
I *
O * HAZARDOUS COMBUSTION PRODUCTS: Irritating and/or toxic fumes may be released if this material is burned.
N *
V * MEANS OF EXTINCTION: Water, CO2, dry chemical, foam. Direct water spray or foam on material in confined container may
* cause extensive foaming.
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* UNUSUAL FIRE/EXPLOSION HAZARDS: Water spray can control unconfined tar fires, but may cause frothing or eruption in closed
* tanks.
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* SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and full protective equipment. Normal
* firefighting procedures may be used. Skin contact and/or breathing of vapors should be
* avoided.
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> TOXICOLOGICAL PROPERTIES <=====
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* HEALTH HAZARD WARNING: Carcinogen. Irritant. Sensitizer.
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* ROUTES OF ENTRY > SKIN CONTACT: X SKIN ABSORPTION: X EYE CONTACT: X INHALATION: X INGESTION: X
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* EFFECTS OF ACUTE EXPOSURE: Coal tar vapors are irritating to the skin, eyes and respiratory tract. Direct skin contact
* and/or high vapor concentrations may cause burning and itching, changes in pigmentation, and
* skin eruptions. Direct eye contact may cause inflammation, discomfort, conjunctivitis, possible
* cataracts, and possible abrasions of the cornea. In general, acute oral toxicity is expected to
* be moderate, but ingestion is not likely to be a primary route of exposure. Symptoms of
* systemic poisoning after ingestion may include nausea, salivation, vomiting, respiratory
* difficulties, dizziness, headache, loss of pupillary reflex, cyanosis, hypothermia, and mild
* convulsions. Symptoms seen after inhalation overexposures are expected to be similar to the
S * symptoms previously listed. OSHA PEL and ACGIH TLV exposure limit for coal tar pitch volatiles
E * is 0.2 mg/cubic meter.
C *
T * IRRITANCY OF PRODUCT: Skin/eye irritant. SENSITIZATION TO PRODUCT: May cause photosensitization.
I *
O * EFFECTS OF CHRONIC EXPOSURE: High vapor concentrations or chronic exposure to levels above exposure limits may lead to
N * systemic symptoms (see above). Prolonged or repeated contact may lead to dermatitis and with
* poor hygienic practices, to skin cancer.
VI *
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* CARCINOGEN: X REPRODUCTIVE EFFECTS: } BRIEF DESCRIPTION: Prolonged or repeated skin contact, along with poor
* } hygienic practices, may lead to skin cancer. This mixture
* TERATOGENICITY: MUTAGENICITY: X } has been found to be positive in the Ames test for
* } mutagenicity.
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* SYNERGISTIC MATERIALS: None known
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* MEDICAL CONDITIONS AGGRAVATED: Persons with pre-existing skin disorders may be at increased risk from overexposure.
* Exposure to vapors may aggravate pre-existing lung conditions.
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*****> FIRST AID MEASURES <*****

* SKIN: Wash exposed area twice with waterless hand cleaner, soap and water, or a mild detergent. Do not use solvents on
* skin, as they may promote absorption of this material. The exposed area should be examined by medical personnel if
* irritation or pain persists after washing.
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* EYE: Rinse eyes immediately with large amounts of water for at least 15 minutes, occasionally lifting the eyelids. GET
S * MEDICAL ATTENTION.
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VII *
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* INHALATION (BREATHING): Remove from exposure area to fresh air immediately. If breathing has stopped, give artificial
* respiration. Keep affected person warm and at rest. Give oxygen if respiration is shallow. GET
* MEDICAL ATTENTION.
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* INGESTION (SWALLOWING): If conscious induce vomiting to prevent further absorption. Give oxygen if respiration is shallow.
* GET MEDICAL ATTENTION. Do not give anything by mouth to an unconscious person.
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* DECONTAMINATION PROCEDURES: Use emergency shower if available. Remove all contaminated clothing to prevent further
* absorption. Wash all clothing and exposed skin twice with soap and water. Leather shoes that
* have been saturated should be discarded.
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*****> PREVENTIVE MEASURES <*****

* <PERSONAL PROTECTIVE EQUIPMENT> GLOVES (SPECIFY): Impervious gloves FOOTWEAR (SPECIFY): Impervious boots
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* EYE (SPECIFY): Chemical goggles or faceshield where necessary CLOTHING (SPECIFY): Impervious clothing
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* RESPIRATORY (SPECIFY): NIOSH approved chemical cartridge respirator with organic vapor cartridges and dust pre-filter, or
* any supplied air respirator as necessary for protection from coal tar pitch volatiles.
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* OTHER (SPECIFY): Application of certain protective creams for coal tar products and sunscreens (SPF at least 15) before and
* during work may be beneficial in reducing the risk of overexposure.
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* PERSONAL HYGIENE PRACTICES: Contact lenses should not be worn when handling this material. Do not smoke or eat in areas
* where this material is handled. Wash hands thoroughly before eating or smoking. A complete
* soap and water shower should be taken at the end of each work day. Contaminated work clothes
* should not be reworn until cleaned.
S *
E * ENGINEERING CONTROLS: All operations should be conducted in well-ventilated conditions. Local exhaust ventilation should
C * be provided.
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N *
VIII *
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* LEAK AND SPILL PROCEDURE: Remove all ignition sources. Ventilate area of spill or leak. Material can be collected for
* later disposal. Wear protective equipment during clean-up. After collection of material, flush
* area with water.
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* WASTE DISPOSAL METHOD: Dispose of the material in accordance with standard practice for disposal of potentially hazardous
* materials as required by applicable federal, state, or local laws. Wear protective equipment as
* necessary.
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* HANDLING PROCEDURES AND EQUIPMENT: Protect containers against physical damage. Wear protective equipment when performing
* maintenance on contaminated equipment.
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* STORAGE REQUIREMENTS: Outside or detached storage is preferable. Maintain dry ventilated conditions for storage. Keep
* away from strong oxidizing agents.
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* SPECIAL SHIPPING INFORMATION: DOT: Other Regulated Substance, Liquid, n.o.s., 9, NA3082, PG III, RQ (contains Naphthalene
* and Benzene), Marine Pollutant (contains Naphthalene).
* IMO: Environmentally Hazardous Substance, Liquid, n.o.s., Class 9, UN3082, PG III, RQ
* (contains Naphthalene and Benzene), Marine Pollutant (contains Naphthalene).

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ADDITIONAL COMMENTS

This mixture is considered a carcinogen or potential carcinogen under the requirements specified by OSHA 29 CFR 1910.1200(d)(4). Coal tar pitch volatiles, soots, tars and oils are listed as a carcinogenic category by OSHA, the National Toxicology Program, and the International Agency for Research on Cancer.

This mixture may contain the following substances considered by the State of California as known to cause cancer: Benz(a)anthracene; Benzene; Benzo(b)fluoranthene; Benzo(j)fluoranthene; Benzo(k)fluoranthene; Benzo(a)pyrene; Dibenz(a,h)acridine; Dibenz(a,j)acridine; Dibenz(a,h)anthracene; 7H-Dibenzo(c,g)carbazole; Dibenz(a,e)pyrene; Dibenz(a,h)pyrene; Dibenz(a,i)pyrene; Dibenz(a,l)pyrene; Indeno(1,2,3-cd)pyrene; Creosote; Chrysene.

(cont. from Section II) Also contains Biphenyl [CAS# 92-52-4] @ 0-2%; Mixed Xylenols [CAS# 1300-71-6] @ 0-2%; Mixed Xylenes [CAS# 1330-20-7] @ 0-2%; Styrene [CAS# 100-42-5] @ 0-1%; and Benzene [CAS# 71-43-2] @ 0-0.3%.

This product is a mixture of Front End Oil in water, ranging from 10 to 30%.

Hazardous Materials Guidebook Number: 171

RQ is calculated to be approximately 96 gallons (835 lbs.), based on the naphthalene concentration of the mixture.

SECTION 313 SUPPLIER NOTIFICATION> this product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Based upon the criteria set forth in section 34 through 36 of the Controlled Products Regulations of Canada this Product is classified as:

Class B, Division 3: Combustible Liquid
Class D, Division 2, Subdivision A: Very Toxic Material
Class D, Division 2, Subdivision B: Irritant
Class D, Division 2, Subdivision B: Sensitizer

CAS #	CHEMICAL NAME	% BY WEIGHT
71-43-2	Benzene	0.3
92-52-4	Biphenyl	2.0
91-20-3	Naphthalene	12.0
1319-77-3	Cresols (mixed)	6.0
108-95-2	Phenol	3.0
1330-20-7	Xylenes (mixed)	1.4
100-42-5	Styrene	0.3
85-01-8	Phenanthrene	2.6
120-12-7	Anthracene	2.0

PRECAUTIONARY STATEMENT: Personnel should avoid inhalation of vapors and personal contact with the compound. Do not get the compound in the eyes or on the skin. When handling, this compound must be kept away from all sources of ignition. Have respirator available. May be harmful or fatal if swallowed or inhaled in large amounts. PLEASE NOTE that the information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

PREPARATION INFORMATION

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DATE: April 9, 1999